

GenCore version 5.1.4_p5_4578
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OM protein - protein search, using sw model

Run on: April 23, 2003, 13:01:10 : Search time 22 Seconds
(without alignments)
2119.798 Million cell updates/sec

Title: US-09-635-949-34

Perfect score: 3289

Sequence: 1 MDFLLALVLVSSLYLQAAAE.....TGEIGLDDVSLKKGHCSEER 582

Scoring table: HLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 301932 seqs, 80129803 residues

Total number of hits satisfying chosen parameters: 301932

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Published Applications AA:*

- 1: /cgn2_6/ptodata/2/pubpaa/US08_NEW_PUB.pcp.*
- 2: /cgn2_6/ptodata/2/pubpaa/PCT_NEW_PUB.pcp.*
- 3: /cgn2_6/ptodata/2/pubpaa/US06_NEW_PUB.pcp.*
- 4: /cgn2_6/ptodata/2/pubpaa/US06_PUBCOMB.pcp.*
- 5: /cgn2_6/ptodata/2/pubpaa/US07_NEW_PUB.pcp.*
- 6: /cgn2_6/ptodata/2/pubpaa/US07_PUBCOMB.pcp.*
- 7: /cgn2_6/ptodata/2/pubpaa/PCTUS_PUBCOMB.pcp.*
- 8: /cgn2_6/ptodata/2/pubpaa/US08_PUBCOMB.pcp.*
- 9: /cgn2_6/ptodata/2/pubpaa/US09_NEW_PUB.pcp.*
- 10: /cgn2_6/ptodata/2/pubpaa/US09_PUBCOMB.pcp.*
- 11: /cgn2_6/ptodata/2/pubpaa/US10_NEW_PUB.pcp.*
- 12: /cgn2_6/ptodata/2/pubpaa/US10_PUBCOMB.pcp.*
- 13: /cgn2_6/ptodata/2/pubpaa/US60_NEW_PUB.pcp.*
- 14: /cgn2_6/ptodata/2/pubpaa/US60_PUBCOMB.pcp.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	3289	100.0	582	9 US-10-004-551-34	Sequence 34, Appl
2	3097.5	94.2	546	9 US-10-004-551-82	Sequence 82, Appl
3	2820	85.7	509	9 US-09-905-291A-315	Sequence 315, Appl
4	2820	85.7	509	9 US-09-902-853-315	Sequence 315, Appl
5	2820	85.7	509	9 US-09-907-824-315	Sequence 315, Appl
6	2820	85.7	509	9 US-09-907-841-315	Sequence 315, Appl
7	2820	85.7	509	9 US-09-904-011-315	Sequence 315, Appl
8	2820	85.7	509	9 US-10-174-590-52	Sequence 52, Appl
9	2820	85.7	509	9 US-10-176-758-52	Sequence 52, Appl
10	2820	85.7	509	9 US-10-175-737-52	Sequence 52, Appl
11	2820	85.7	509	9 US-09-906-742-315	Sequence 315, Appl
12	2820	85.7	509	9 US-10-173-706-52	Sequence 52, Appl
13	2820	85.7	509	9 US-10-175-738-52	Sequence 52, Appl
14	2820	85.7	509	9 US-10-175-752-52	Sequence 52, Appl
15	2820	85.7	509	9 US-10-176-482-52	Sequence 52, Appl
16	2820	85.7	509	9 US-10-176-757-52	Sequence 52, Appl
17	2820	85.7	509	9 US-10-176-913-52	Sequence 52, Appl
18	2820	85.7	509	9 US-10-180-552-52	Sequence 52, Appl
19	2820	85.7	509	9 US-10-180-557-52	Sequence 52, Appl

20	2820	85.7	509	9 US-09-906-838-315	Sequence 315, Appl
21	2820	85.7	509	9 US-09-907-613-315	Sequence 315, Appl
22	2820	85.7	509	9 US-09-907-942-315	Sequence 315, Appl
23	2820	85.7	509	9 US-10-173-700-52	Sequence 52, Appl
24	2820	85.7	509	9 US-10-174-572-52	Sequence 52, Appl
25	2820	85.7	509	9 US-10-174-579-52	Sequence 52, Appl
26	2820	85.7	509	9 US-10-174-582-52	Sequence 52, Appl
27	2820	85.7	509	9 US-10-174-588-52	Sequence 52, Appl
28	2820	85.7	509	9 US-10-175-739-52	Sequence 52, Appl
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30	2820	85.7	509	9 US-10-175-743-52	Sequence 52, Appl
31	2820	85.7	509	9 US-10-176-488-52	Sequence 52, Appl
32	2820	85.7	509	9 US-10-176-492-52	Sequence 52, Appl
33	2820	85.7	509	9 US-10-176-747-52	Sequence 52, Appl
34	2820	85.7	509	9 US-10-176-750-52	Sequence 52, Appl
35	2820	85.7	509	9 US-10-176-985-52	Sequence 52, Appl
36	2820	85.7	509	9 US-10-176-987-52	Sequence 52, Appl
37	2820	85.7	509	9 US-10-176-991-52	Sequence 52, Appl
38	2820	85.7	509	9 US-10-176-992-52	Sequence 52, Appl
39	2820	85.7	509	9 US-10-176-993-52	Sequence 52, Appl
40	2820	85.7	509	9 US-10-184-658-52	Sequence 52, Appl
41	2820	85.7	509	9 US-10-173-695-52	Sequence 52, Appl
42	2820	85.7	509	9 US-10-173-697-52	Sequence 52, Appl
43	2820	85.7	509	9 US-10-173-705-52	Sequence 52, Appl
44	2820	85.7	509	9 US-10-174-576-52	Sequence 52, Appl
45	2820	85.7	509	9 US-10-174-585-52	Sequence 52, Appl

ALIGNMENTS

RESULT 1
US-10-004-551-34
; Sequence 34, Application US/10004551
; Publication No. US20030004310A1
; GENERAL INFORMATION:
; APPLICANT: SHIMKETS, RICHARD A
; APPLICANT: FERNANDES, ELMA
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-559
; CURRENT APPLICATION NUMBER: US/10/004,551
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 09/635,949
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 34
; LENGTH: 582
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-004-551-34

Query Match	100.0%	Score 3289;	DB 9;	Length 582;
Best Local Similarity	100.0%	Pred. No. 2.4e-180;		
Matches 582;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
QY	1	MDFLLALVLVSSLYLQAAAEFDCGRWPRQIVSSIGICRYGGRIDCCGWARQSWGQCQPPY	60	
Db	1	MDFLLALVLVSSLYLQAAAEFDCGRWPRQIVSSIGICRYGGRIDCCGWARQSWGQCQPPY	60	
QY	61	VLQRRTARTRCOLKAVCQPCRGKGCIGPNKCKCHPGYAGKTCIQVLNCCGLKPRCKIR	120	
Db	61	VLQRRTARTRCOLKAVCQPCRGKGCIGPNKCKCHPGYAGKTCIQVLNCCGLKPRCKIR	120	
QY	121	CNNTYGSYKCYCLNGYMLMPDGSALTCSMANQYGDVVKGOIRCCPSPGLQLAPD	180	
Db	121	CNNTYGSYKCYCLNGYMLMPDGSALTCSMANQYGDVVKGOIRCCPSPGLQLAPD	180	
QY	181	GRTCDVDKCATGRASCPFRQCVNTFGSYICKCHKHGFILMYIGKYOCHDIDECSTAGQY	240	
Db	181	GRTCDVDKCATGRASCPFRQCVNTFGSYICKCHKHGFILMYIGKYOCHDIDECSTAGQY	240	
QY	241	QSSSFARCNVRGSKCKCKEGYQDGLTCVTYIPKVMIEFSGPIHVPKNGTILKDTGN	300	

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Db 241 QCSSEFARCVNVRGYSKCKEGYGGGLTCVYIPKYMIEPSGP IHWPKNGNTILKGDGN 300
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRPKTPPTPTPPPPPLPTTELTPLP 360
Db 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRPKTPPTPTPPPPPLPTTELTPLP 360
QY 361 PTTPTPTGLTTIAPAASTPPGGITVDNRVOTDPOKPRGDVFIPROPSNDLFEIFEIER 420
Db 361 PTTPTPTGLTTIAPAASTPPGGITVDNRVOTDPOKPRGDVFIPROPSNDLFEIFEIER 420
QY 421 GVSADDEAKDDPGVYVHSNDFHGLCGWIREKNDNLHWEPIRDPAGGOYLTVSAAPAGG 480
Db 421 GVSADDEAKDDPGVYVHSNDFHGLCGWIREKNDNLHWEPIRDPAGGOYLTVSAAPAGG 480
QY 481 KAARLVLPGRIMHSGDGLCLSPRHKVTGLHSGLTQVFRKKGHAAGALWCRNGCHGWROT 540
Db 481 KAARLVLPGRIMHSGDGLCLSPRHKVTGLHSGLTQVFRKKGHAAGALWCRNGCHGWROT 540
QY 541 QITLRGADIKSVVFKGKKRGHTGEIGLDDVSLKKGHCSEER 582
Db 541 QITLRGADIKSVVFKGKKRGHTGEIGLDDVSLKKGHCSEER 582

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RESULT 2

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US-10-004-551-82
; Sequence 82, Application US/10004551
; Publication No. US20030004310A1
; GENERAL INFORMATION:
; APPLICANT: SHIMKETS, RICHARD A
; APPLICANT: FERNANDES, ELMA
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-559
; CURRENT APPLICATION NUMBER: US/10/004,551
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 09/635,949
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ IDS: 110
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 82
; LENGTH: 546
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: TRANSLATION
; OTHER INFORMATION: FROM AMPLIFICATION PRODUCT 16467945.0.88-5261.D
US-10-004-551-82

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Query Match 94.2%; Score 3097.5; DB 9; Length 546;
Best Local Similarity 96.8%; Pred. No. 1.9e-169;
Matches 545; Conservative 1; Mismatches 0; Indels 17; Gaps 1;

QY 20 RPDGRWPROTVSSIGLCRYGGRIDCCGWAROSMGOCOPYYVLKRIARICQIKAVCOP 79
Db 1 EYDGRWPROTVSSIGLCRYGGRIDCCGWAROSMGOCOPYYVLKRIARICQIKAVCOP 43
QY 80 RCKHGCIGPNKCKHPYAGKTCIOVLRPGILKPRCKHRCNNTYGSYKCYCINCYMLM 139
Db 44 RCKHGCIGPNKCKHPYAGKTCIOVLRPGILKPRCKHRCNNTYGSYKCYCINCYMLM 103
QY 140 PDGSSSALTCSMANCYGQGVVYKQIRQCPSPLQLAPDGTCTVDVDECATGRASCPR 199
Db 104 PDGSSSALTCSMANCYGQGVVYKQIRQCPSPLQLAPDGTCTVDVDECATGRASCPR 163
QY 200 PROCVNTFGSYICKCKHKGFDLMYLCKKYQCHDIDPCSLGOYQCSSFARCVNVRGYSKCK 259
Db 164 PROCVNTFGSYICKCKHKGFDLMYLCKKYQCHDIDPCSLGOYQCSSFARCVNVRGYSKCK 223
QY 260 KEGYQGGIGLTCVYIPKVMIEPSGP IHWPKNGNTILKGDTCNNWIPDVGSTWMPKTPYI 319
Db 224 KEGYQGGIGLTCVYIPKVMIEPSGP IHWPKNGNTILKGDTCNNWIPDVGSTWMPKTPYI 283
QY 320 PPIITNRPTSKPTTRPKTPPTPTPPPPPLPTTELTPPTPTPTGLTTIAPAAAS 379

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Db 284 PPIITNRPTSKPTTRPKTPPTPTPPPPPLPTTELTPPTPTPTGLTTIAPAAAS 343
QY 380 TTPGGITVDNRVOTDPOKPRGDVFIPROPSNDLFEIFEIERCVSAADDEAKDDPGVYVHSN 449
Db 344 TTPGGITVDNRVOTDPOKPRGDVFIPROPSNDLFEIFEIERCVSAADDEAKDDPGVYVHSN 403
QY 440 NFDHGLCGWIREKNDNLHWEPIRDPAGGOYLTVSAAPAGGKAARLVLPGRIMHSGDGL 499
Db 404 NFDHGLCGWIREKNDNLHWEPIRDPAGGOYLTVSAAPAGGKAARLVLPGRIMHSGDGL 463
QY 500 LSFRIKVTGLHSGLTQVFRKKGHAAGALWCRNGCHGWROTITLREGADIKSVVFKGKKR 559
Db 464 LSFRIKVTGLHSGLTQVFRKKGHAAGALWCRNGCHGWROTITLREGADIKSVVFKGKKR 523
QY 560 RCHTGEIGLDDVSLKKGHCSEER 582
Db 524 RCHTGEIGLDDVSLKKGHCSEER 546

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RESULT 3

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US-09-905-291A-315
; Sequence 315, Application US/09905291A
; Patent No. US20020160374A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Rotstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroli, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavić, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleo
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,291A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05

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PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 315
 LENGTH: 509
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-09-905-291A-315

Query Match 85.7%; Score 2820; DB 9; Length 509;
 Best Local Similarity 90.9%; Pred No. 1.2e-153;
 Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

OY 1 MDELLALVIVSSLYIAAAAFDGRWPRQIVSSIGICRYGRIDCCWGWARSQSGQCPFY 60
 DB 1 MDELLALVIVSSLYIAAAAFDGRWPRQIVSSIGICRYGRIDCCWGWARSQSGQCP-- 58
 QY 61 VLQRRTARICQLKAVQCPCCKGEGICGNKCKCHPGYAGKTCIQVINECGLKPRCKKR 120
 DB 59 -----VCQPCCKHCEGICGNKCKCHPGYAGKTCINODNCEGLKPRCKKR 103
 QY 121 CMNTYSYKCYCLNGYMLPDGSCSSALTCSMANCOYGCDVVKGQIRCCQSPGLQAPD 180
 DB 104 CMNTYSYKCYCLNGYMLPDGSCSSALTCSMANCOYGCDVVKGQIRCCQSPGLHLPD 163
 QY 181 GRTCVVDVDECATGRASCPFRQCNTFGSYICKCKHGFEDLMYIGKYGQCHDIDECSLGOY 240
 DB 164 GRTCVVDVDECATGRASCPFRQCNTFGSYICKCKHGFEDLMYIGKYGQCHDIDECSLGOY 223
 QY 241 QCSSFARCYNVRGSKCKCKEGYQDGLTCVYIPKVMIEPSPGIHVPKNGTILKGDGTN 300
 DB 224 QCSSFARCYNVRGSKCKCKEGYQDGLTCVYIPKVMIEPSPGIHVPKNGTILKGDGTN 283
 QY 301 NNIPDVGSTWPPKTPYIPPIITNRTSKPTTRTPKTPPTPTPTPTPTPTPTPTPTPTPLP 360
 DB 284 NNIPDVGSTWPPKTPYIPPIITNRTSKPTTRTPKTPPTPTPTPTPTPTPTPTPTPTPLP 343
 QY 361 PTPPTPTPTGLTTIAPAASTPPGCIIVDNRVQDTPQKPGDVFIPROPSNDLFEIPEIER 420
 DB 344 PTPPTPTPTGLTTIAPAASTPPGCIIVDNRVQDTPQKPGDVF-----386
 QY 421 GVSADDEAKDDPGLVHUSCNFHDICLGCWIREKNDNLHWPPIRDPAGGQYLTVSAAKAPGG 480
 DB 387 -----SVLVHSCNFDHICLCWIREKNDNLHWPPIRDPAGGQYLTVSAAKAPGG 434
 QY 481 KAARLVLPGLRMHSDGLCSFRHKVTGLHSGTLOVFEVRKHGAHGAALGRNGHGWROT 540
 DB 435 KAARLVLPGLRMHSDGLCSFRHKVTGLHSGTLOVFEVRKHGAHGAALGRNGHGWROT 494
 QY 541 QITLRGADIKS 551
 DB 495 QITLRGADIKS 505

RESULT 4
 US-09-902-853-315
 : Sequence 315, Application US/09902853
 : Publication No. US20020192659A1
 : GENERAL INFORMATION:

APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Flivaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gottardt, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kijavlin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/902,853
 CURRENT FILING DATE: 2001-07-10
 PRIOR APPLICATION NUMBER: US/09/665,350
 PRIOR FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30911
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 315
 LENGTH: 509
 TYPE: PRT
 ORGANISM: Homo Sapien
 US-09-902-853-315

Query Match 85.7%; Score 2820; DB 9; Length 509;
 Best Local Similarity 90.9%; Pred. No. 1.2e-153;

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Matches 501: Conservative 0: Mismatches 4: Indels 46: Gaps 2:
QY 1 MDPLALVLVSSLYLQAAAFDGRWPRQIVSSIGLCRYGGRIDCCWCAWARSWCQCPFY 60
DB 1 MDPLALVLVSSLYLQAAAFDGRWPRQIVSSIGLCRYGGRIDCCWCAWARSWCQCP-- 58
QY 61 VLQRRIARICQLKAVGQPKRKHGECIGPNKCKCHPGYAGKTICQVLNCGGLKPRCKHR 120
DB 59 -----VCQPKCKHCECIGPNKCKCHPGYAGKTICQVLNCGGLKPRCKHR 103
QY 121 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSSMANCOYGGDVVVKQIRCCQSPSGIQLAPD 180
DB 104 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSSMANCOYGGDVVVKQIRCCQSPSGIQLAPD 163
QY 181 GRTCDVDDECATGRASCPREFRCQVNTFGSYICKCHKGFDLMYICGKYQCHDIDFCSLGOY 240
DB 164 GRTCDVDDECATGRASCPREFRCQVNTFGSYICKCHKGFDLMYICGKYQCHDIDFCSLGOY 223
QY 241 QCSSFARCYNVRSYKCKCKEGYGGDLTCVYIPKVMIEPSGPIHVPKNGTILKGDTCN 300
DB 224 QCSSFARCYNVRSYKCKCKEGYGGDLTCVYIPKVMIEPSGPIHVPKNGTILKGDTCN 283
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRTPKPTPIPTPPPPPLTELRTPLP 360
DB 284 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRTPKPTPIPTPPPPPLTELRTPLP 343
QY 361 PTTPERPTTGLTTTAAASTPPGCTIVDNRVQDPOKPRGDVFIPTQPSNDLFEIPEIER 420
DB 344 PTTPERPTTGLTTTAAASTPPGCTIVDNRVQDPOKPRGDVFIPTQPSNDLFEIPEIER 386
QY 421 GVSADDEAKDDPGVVLHSCNFDHGLCGWIREKONDLIWEPTRDPAGGOYLTVSAAKAPGG 480
DB 387 -----SVLHSCNFDHGLCGWIREKONDLIWEPTRDPAGGOYLTVSAAKAPGG 434
QY 481 KAARVLPLGLRLMHSGDGLCLSPKRYKVTGLHSGTILQVYVVKHGAHGAALWCRNCHGWROT 540
DB 435 KAARVLPLGLRLMHSGDGLCLSPKRYKVTGLHSGTILQVYVVKHGAHGAALWCRNCHGWROT 494
QY 541 QITLRGADIKS 551
DB 495 QITLRGADIKS 505

RESULT 5
US-09-907-824-315
: Sequence 315, Application US/0907824
: Publication No. US20020197671A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Rotstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Katon, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroli, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Corritsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kljavin, Ivar J.
: APPLICANT: Malher, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
```

```
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/907,824
: CURRENT FILING DATE: 2001-07-17
: PRIOR APPLICATION NUMBER: 09/665,350
: PRIOR FILING DATE: 2000-09-18
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/114,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,698
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 60/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23089
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: PRIOR APPLICATION NUMBER: PCT/US99/28313
: PRIOR FILING DATE: 1999-11-30
: PRIOR APPLICATION NUMBER: PCT/US99/28564
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/28565
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30095
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: PCT/US99/30911
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US99/30999
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US00/00219
: PRIOR FILING DATE: 2000-01-05
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 315
: LENGTH: 509
: TYPE: PRT
: ORGANISM: Homo Sapien
: US-09-907-824-315
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Query Match 85.7% Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;
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QY 1 MDPLALVLVSSLYLQAAAFDGRWPRQIVSSIGLCRYGGRIDCCWCAWARSWCQCPFY 60
DB 1 MDPLALVLVSSLYLQAAAFDGRWPRQIVSSIGLCRYGGRIDCCWCAWARSWCQCP 58
QY 61 VLQRRIARICQLKAVGQPKRKHGECIGPNKCKCHPGYAGKTICQVLNCGGLKPRCKHR 120
DB 59 -----VCQPKCKHCECIGPNKCKCHPGYAGKTICQVLNCGGLKPRCKHR 103
QY 121 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSSMANCOYGGDVVVKQIRCCQSPSGIQLAPD 180
DB 104 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSSMANCOYGGDVVVKQIRCCQSPSGIQLAPD 163
QY 181 GRTCDVDDECATGRASCPREFRCQVNTFGSYICKCHKGFDLMYICGKYQCHDIDFCSLGOY 240
DB 164 GRTCDVDDECATGRASCPREFRCQVNTFGSYICKCHKGFDLMYICGKYQCHDIDFCSLGOY 223
QY 241 QCSSFARCYNVRSYKCKCKEGYGGDLTCVYIPKVMIEPSGPIHVPKNGTILKGDTCN 300
DB 224 QCSSFARCYNVRSYKCKCKEGYGGDLTCVYIPKVMIEPSGPIHVPKNGTILKGDTCN 283
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRTPKPTPIPTPPPPPLTELRTPLP 360
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Db 284 NNMIPDVSTWPKIPYIPPIITNPTSKPTTRPKPTPIPTPPPPPLPTELTPLP 343
QY 361 PTPPTPTGLTTIAPAASTPPGGIIVDNRVQTDPOKPRGDVFIROPQSNDFLFEIFEIER 420
Db 344 PTPPTPTGLTTIAPAASTPPGGIIVDNRVQTDPOKPRGDVFIROPQSNDFLFEIFEIER 386
QY 421 GVSADDEAKDDPCVLVHSCNFDHGLCGWI REKNDLHWEP IROPAGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSCNFDHGLCGWI REKNDLHWEP IROPAGQYLTVSAAKAPGG 434
QY 481 KAARLVPLGLRLMHSGLDCLISFRHKVTLQVFKHGHAAGAAIMGRNGCHGWROT 540
Db 435 KAARLVPLGLRLMHSGLDCLISFRHKVTLQVFKHGHAAGAAIMGRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 6
US-09-907-841-315
: Sequence 315, Application US/09907841
: Publication No. US20020198366A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gottard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kijavina, Ivar J.
: APPLICANT: Kather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/907,841
: PRIOR FILING DATE: 2001-11-20
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,698
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 60/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23089
: PRIOR FILING DATE: 1999-10-05
```

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: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 315
: LENGTH: 509
: TYPE: PNT
: ORGANISM: Homo Sapien
: US-09-907-841-315

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1,2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDFLLALVLSLYLQAAAEFDGRWPRQIVSSIGLCRYGGRIDCCGWARQSWGQCQPPY 60
Db 1 MDFLLALVLSLYLQAAAEFDGRWPRQIVSSIGLCRYGGRIDCCGWARQSWGQCQPPY 58
QY 61 VLQRIRIARCOLKAVCQPRCKHGEICGNPKCKCHPGYAGKTCIQVINPCGILKPKCHKH 120
Db 59 -----VCQPRCKHGEICGNPKCKCHPGYAGKTCIQVINPCGILKPKCHKH 103
QY 121 CMNTYGSYKCYCLNGYMLMPDGCSSALTCSSANCOYGFQVYKGOIRCOCPSPGLQAPD 180
Db 104 CMNTYGSYKCYCLNGYMLMPDGCSSALTCSSANCOYGFQVYKGOIRCOCPSPGLQAPD 163
QY 181 GRTCDVDECATGRASCPFRQCVNTFGSYICKHKGFDLMTYIGKYQCHDIDECSLGQY 240
Db 164 GRTCDVDECATGRASCPFRQCVNTFGSYICKHKGFDLMTYIGKYQCHDIDECSLGQY 223
QY 241 QCSSFARCYNVHSGYKCKCKEGYQGDGLTCVVIKVMIEPSGPIHVPKNGTILKGDTCN 300
Db 224 QCSSFARCYNVHSGYKCKCKEGYQGDGLTCVVIKVMIEPSGPIHVPKNGTILKGDTCN 283
QY 301 NNMIPDVSTWPKIPYIPPIITNPTSKPTTRPKPTPIPTPPPPPLPTELTPLP 360
Db 284 NNMIPDVSTWPKIPYIPPIITNPTSKPTTRPKPTPIPTPPPPPLPTELTPLP 343
QY 361 PTPPTPTGLTTIAPAASTPPGGIIVDNRVQTDPOKPRGDVFIROPQSNDFLFEIFEIER 420
Db 344 PTPPTPTGLTTIAPAASTPPGGIIVDNRVQTDPOKPRGDVFIROPQSNDFLFEIFEIER 386
QY 421 GVSADDEAKDDPCVLVHSCNFDHGLCGWI REKNDLHWEP IROPAGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSCNFDHGLCGWI REKNDLHWEP IROPAGQYLTVSAAKAPGG 434
QY 481 KAARLVPLGLRLMHSGLDCLISFRHKVTLQVFKHGHAAGAAIMGRNGCHGWROT 540
Db 435 KAARLVPLGLRLMHSGLDCLISFRHKVTLQVFKHGHAAGAAIMGRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 7
US-09-904-011-315
: Sequence 315, Application US/09904011
: Publication No. US20030003530A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gottard, A.
: APPLICANT: Godowski, Paul J.
```

APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, L.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2001-07-11
PRIOR FILING DATE: 2001-07-11
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-09-18
PRIOR FILING DATE: 2000-02-22
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-07
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-26
PRIOR FILING DATE: 1999-07-28
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-08
PRIOR FILING DATE: 1999-09-13
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-09-15
PRIOR FILING DATE: 1999-10-05
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-29
PRIOR FILING DATE: 1999-11-30
PRIOR FILING DATE: 1999-12-02
PRIOR FILING DATE: 1999-12-02
PRIOR FILING DATE: 1999-12-02
PRIOR FILING DATE: 1999-12-16
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 1999-12-20
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 315
LENGTH: 509
TYPE: PRT
ORGANISM: Homo Sapien
US-09-904-011-315

Query Match 85.7%; Score 2820; DH 9; Length 509;
Host Local Similarity 90.9%; Pred. No. 1-2c-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;
QY 1 MDELLALVSSLYLQAAAEFDGRWPRQIVSSIGLCRYGRIDCCWAWARQSGQCQPFY 60
DB 1 MDELLALVSSLYLQAAAEFDGRWPRQIVSSIGLCRYGRIDCCWAWARQSGQCQPFY 58
QY 61 VLQRIRARCOLKAVCOPCKRKEGICGNKCKCHPGYAGKTCIQVLNEGLKPRCKHR 120
DB 59 -----VCOPCKRKEGICGNKCKCHPGYAGKTCIQVLNEGLKPRCKHR 103
QY 121 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSMANQYGVVVKQIHCQTPSNGHLAPD 180

DB 104 CMNTYGSYKCYCLNGYMLMPDSCSSALTCSMANQYGVVVKQIHCQTPSNGHLAPD 163
QY 181 GRTCDVDDECATGRASCPRFCQVNTFGSYICKCHKGFULMYIGCKYQCHHIDECSLQY 240
DB 164 GRTCDVDDECATGRASCPRFCQVNTFGSYICKCHKGFULMYIGCKYQCHHIDECSLQY 223
QY 241 QCSSEFARCYNVKGSYKCKCKEYQGDGLTCVYIPKVMTEPSCPIHVPKGNSTILKGDSTN 400
DB 224 QCSSEFARCYNVKGSYKCKCKEYQGDGLTCVYIPKVMTEPSCPIHVPKGNSTILKGDSTN 283
QY 301 NNWIPDVGSTWPPKTPYIPPIITNRPTSKPTTRTPKPTPIIPRDPDPLTELKPLP 360
DB 284 NNWIPDVGSTWPPKTPYIPPIITNRPTSKPTTRTPKPTPIIPRDPDPLTELKPLP 343
QY 361 PTPPRPTTGLTTIAPAASTPPGGITVDNRVQTDPKPRGHWFIIPQPSNDELFEETER 420
DB 344 PTPPRPTTGLTTIAPAASTPPGGITVDNRVQTDPKPRGHWFIIPQPSNDELFEETER 386
QY 421 GVSADDEAKDDPCVIVHSCNFDHGLCGWIRPKNDLHWRPIHDPAGQGYLTVSAAKAPGS 480
DB 387 -----SVLVHSCNFDHGLCGWIRPKNDLHWRPIHDPAGQGYLTVSAAKAPGS 434
QY 481 KAARLVLPICRLMHSODICLSFRHKVVTGLHSGTLOVFFVKKHCAHCAALWGRNKGHWKQT 540
DB 435 KAARLVLPICRLMHSODICLSFRHKVVTGLHSGTLOVFFVKKHCAHCAALWGRNKGHWKQT 494
QY 541 QITLRGADIKS 551
DB 495 QITLRGADIKS 505

RESULT 8

US-10-174-590-52
Sequence 52, Application US/10174590
Publication No. US20030008352A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Chen, Jian
APPLICANT: Desnoyers, Luc
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Smith, Victoria
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3430R1C42
CURRENT APPLICATION NUMBER: US/10/174,590
CURRENT FILING DATE: 2002-06-18
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 612
SEQ ID NO 52
LENGTH: 509
TYPE: PRT
ORGANISM: Homo Sapien
US-10-174-590-52

Query Match 85.7%; Score 2820; DH 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1-2c-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;
QY 1 MDELLALVSSLYLQAAAEFDGRWPRQIVSSIGLCRYGRIDCCWAWARQSGQCQPFY 60
DB 1 MDELLALVSSLYLQAAAEFDGRWPRQIVSSIGLCRYGRIDCCWAWARQSGQCQPFY 58
QY 61 VLQRIRARCOLKAVCOPCKRKEGICGNKCKCHPGYAGKTCIQVLNEGLKPRCKHR 120
DB 59 -----VCOPCKRKEGICGNKCKCHPGYAGKTCIQVLNEGLKPRCKHR 103

QY 121 CMNTYGSYKCYCLNGYMLMPDGCSSALTCSSMANCOYQCDVVKQJIRCOCPSPGLQAPD 180
 DB 104 CMNTYGSYKCYCLNGYMLMPDGCSSALTCSSMANCOYQCDVVKQJIRCOCPSPGLQAPD 163
 QY 181 GRTCDVDDECATGRASCPFRQCVNTFGSYICKCHKGFDMYIGGKYQCHDIDECISLGOY 240
 DB 164 GRTCDVDDECATGRASCPFRQCVNTFGSYICKCHKGFDMYIGGKYQCHDIDECISLGOY 223
 QY 241 QCSFARCYNVRGSKYCKCKEGYQDGLTCVYIPKVMIEPSPGPIHVPKNGTILKGDGTGN 300
 DB 224 QCSFARCYNVRGSKYCKCKEGYQDGLTCVYIPKVMIEPSPGPIHVPKNGTILKGDGTGN 283
 QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 360
 DB 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 343
 QY 361 PTTPERPTGLTTIAPAASSTPPGGITVDNRVQTDPOKPRGDVFIPRQPSNDLFEIFEIER 420
 DB 344 PTTPERPTGLTTIAPAASSTPPGGITVDNRVQTDPOKPRGDVFIPRQPSNDLFEIFEIER 386
 QY 421 QVSADDEAKDDPQVIVHSCNFDHCLCGWIKEKNDLHWEPIRDPAAGQYLTVSAAKAPGG 480
 DB 387 -----SVLVHSCNFDHCLCGWIKEKNDLHWEPIRDPAAGQYLTVSAAKAPGG 434
 QY 481 KAARLVLPGLRMHSGDCLCLSFRRHKVTGLHSGLTQVFKHGAHGAALWCRNGHGWROT 540
 DB 435 KAARLVLPGLRMHSGDCLCLSFRRHKVTGLHSGLTQVFKHGAHGAALWCRNGHGWROT 494
 QY 541 QITLRGADIKS 551
 DB 495 QITLRGADIKS 505

RESULT 9

US-10-176-758-52

: Sequence 52, Application US/10176758

: Publication NO. US20030008353A1

: GENERAL INFORMATION:

: APPLICANT: Baker, Kevin P.

: APPLICANT: Chen, Jian

: APPLICANT: Desnoyers, Luc

: APPLICANT: Goddard, Audrey

: APPLICANT: Godowski, Paul J.

: APPLICANT: Gurney, Austin L.

: APPLICANT: Pan, James

: APPLICANT: Smith, Victoria

: APPLICANT: Watanabe, Colin K.

: APPLICANT: Wood, William I.

: APPLICANT: Zhang, Zemin

: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

: FILE REFERENCE: P3430R1C104

: CURRENT APPLICATION NUMBER: US/10/176,758

: CURRENT FILING DATE: 2002-06-21

: Prior Application removed - See File Wrapper or Palm

: NUMBER OF SEQ ID NOS: 612

: SEQ ID NO 52

: LENGTH: 509

: TYPE: PRT

: ORGANISM: Homo Sapien

US-10-176-758-52

Query Match 85.7%; Score 2820; DB 9; Length 509;

Best Local Similarity 90.9%; Pred. No. 1.2e-153;

Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDLALLVSSLYLQAAAEFDGRWPRQIVSSITGLCRYGGRIDCCWGWARQSWGQCQPFY 60

DB 1 MDLALLVSSLYLQAAAEFDGRWPRQIVSSITGLCRYGGRIDCCWGWARQSWGQCQPFY 58

QY 61 VLQRRTARINCOLKAVCPCKKHGECIGPNKKCHPCYAGKTCIQVLNEGLKPRCKKRR 120

DB 59 -----VCQPRCKHGEICGNKCKCHGFGYAGKTCNQDLNEGLKPRCKKRR 103

QY 121 CMNTYGSYKCYCLNGYMLMPDGCSSALTCSSMANCOYQCDVVKQJIRCOCPSPGLQAPD 180
 DB 104 CMNTYGSYKCYCLNGYMLMPDGCSSALTCSSMANCOYQCDVVKQJIRCOCPSPGLQAPD 163
 QY 181 GRTCDVDDECATGRASCPFRQCVNTFGSYICKCHKGFDMYIGGKYQCHDIDECISLGOY 240
 DB 164 GRTCDVDDECATGRASCPFRQCVNTFGSYICKCHKGFDMYIGGKYQCHDIDECISLGOY 223
 QY 241 QCSFARCYNVRGSKYCKCKEGYQDGLTCVYIPKVMIEPSPGPIHVPKNGTILKGDGTGN 300
 DB 224 QCSFARCYNVRGSKYCKCKEGYQDGLTCVYIPKVMIEPSPGPIHVPKNGTILKGDGTGN 283
 QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 360
 DB 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 343
 QY 361 PTTPERPTGLTTIAPAASSTPPGGITVDNRVQTDPOKPRGDVFIPRQPSNDLFEIFEIER 420
 DB 344 PTTPERPTGLTTIAPAASSTPPGGITVDNRVQTDPOKPRGDVFIPRQPSNDLFEIFEIER 386
 QY 421 QVSADDEAKDDPQVIVHSCNFDHCLCGWIKEKNDLHWEPIRDPAAGQYLTVSAAKAPGG 480
 DB 387 -----SVLVHSCNFDHCLCGWIKEKNDLHWEPIRDPAAGQYLTVSAAKAPGG 434
 QY 481 KAARLVLPGLRMHSGDCLCLSFRRHKVTGLHSGLTQVFKHGAHGAALWCRNGHGWROT 540
 DB 435 KAARLVLPGLRMHSGDCLCLSFRRHKVTGLHSGLTQVFKHGAHGAALWCRNGHGWROT 494
 QY 541 QITLRGADIKS 551
 DB 495 QITLRGADIKS 505

RESULT 10

US-10-175-737-52

: Sequence 52, Application US/10175737

: Publication NO. US20030013153A1

: GENERAL INFORMATION:

: APPLICANT: Baker, Kevin P.

: APPLICANT: Chen, Jian

: APPLICANT: Desnoyers, Luc

: APPLICANT: Goddard, Audrey

: APPLICANT: Godowski, Paul J.

: APPLICANT: Gurney, Austin L.

: APPLICANT: Pan, James

: APPLICANT: Smith, Victoria

: APPLICANT: Watanabe, Colin K.

: APPLICANT: Wood, William I.

: APPLICANT: Zhang, Zemin

: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

: FILE REFERENCE: P3430R1C50

: CURRENT APPLICATION NUMBER: US/10/175,737

: CURRENT FILING DATE: 2002-06-19

: Prior Application removed - See File Wrapper or Palm

: NUMBER OF SEQ ID NOS: 612

: SEQ ID NO 52

: LENGTH: 509

: TYPE: PRT

: ORGANISM: Homo Sapien

US-10-175-737-52

Query Match 85.7%; Score 2820; DB 9; Length 509;

Best Local Similarity 90.9%; Pred. No. 1.2e-153;

Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDLALLVSSLYLQAAAEFDGRWPRQIVSSITGLCRYGGRIDCCWGWARQSWGQCQPFY 60

DB 1 MDLALLVSSLYLQAAAEFDGRWPRQIVSSITGLCRYGGRIDCCWGWARQSWGQCQPFY 58

QY 61 VLQRRTARINCOLKAVCPCKKHGECIGPNKKCHPCYAGKTCIQVLNEGLKPRCKKRR 120

DB 59 -----VCQPRCKHGEICGNKCKCHGFGYAGKTCNQDLNEGLKPRCKKRR 103

Db 59 -----VCOPRCKHGEIGPNKCKCHPGYAGTKCNQDLNECKGLKPRCKIIR 103
 QY 121 CMNTGSKYCYCLNGYMIHPDGSCSSALTCGSMANCOYGCIVVVKQIRCOCPSPGLQIAPD 180
 Db 104 CMNTGSKYCYCLNGYMIHPDGSCSSALTCGSMANCOYGCIVVVKQIRCOCPSPGLQIAPD 163
 QY 181 GRTCDVDDECATGRASCPREPRQCVNTFGSYICKHKGFDLMYIGGYQCHIDECSLGQY 240
 Db 164 GRTCDVDDECATGRASCPREPRQCVNTFGSYICKHKGFDLMYIGGYQCHIDECSLGQY 223
 QY 241 QCSSFARCYNVRSYKCKCKEGYQCGIGLTCVYIPKVMIEPSGPHVFKGNGTILKGDTCN 300
 Db 224 QCSSFARCYNVRSYKCKCKEGYQCGIGLTCVYIPKVMIEPSGPHVFKGNGTILKGDTCN 283
 QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPKTPPTPTPPPPPLPTELRTPLP 360
 Db 284 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPKTPPTPTPPPPPLPTELRTPLP 343
 QY 361 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDPOKPRGDFVTPROPSNDLFEIEIER 420
 Db 344 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDPOKPRGDFVTPROPSNDLFEIEIER 386
 QY 421 QVSADDEAKDDPGVVLVHSCNFDHIGLGCOWIRKNDLHWEPIRDPAGGQYLTVSAAKAPGG 480
 Db 387 -----SYLVHSCNFDHIGLGCOWIRKNDLHWEPIRDPAGGQYLTVSAAKAPGG 434
 QY 481 KAARLVLPLGRLHMSGDICLSFRKHVTCIHSCTIQVVRKHGAGCAALWGRNGCHGWKQT 540
 Db 435 KAARLVLPLGRLHMSGDICLSFRKHVTCIHSCTIQVVRKHGAGCAALWGRNGCHGWKQT 494
 QY 541 QITLRGADIKS 551
 Db 495 QITLRGADIKS 505

RESULT 11
 US-09-906-742-315
 Sequence 315, Application US/09906742
 Publication No. US20030023054A1
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Bolstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Griffiths, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Guney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kijavich, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, L.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/906,742
 CURRENT FILING DATE: 2001-07-16
 PRIOR APPLICATION NUMBER: 09/665,350
 PRIOR FILING DATE: 2000-09-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414

QY 1 MDPELLALVIVSSLYIQAAAFEDGCRWPROIVSSIGICRYGGRIDGTCWMAKQSNQVQPEY 60
 Db 1 MDPELLALVIVSSLYIQAAAFEDGCRWPROIVSSIGICRYGGRIDGTCWMAKQSNQVQPEY 58
 QY 61 VLQRTARIIRCQLKAVCPREKUEGICIGPNKCKCHPGYAGTKCNQDLNECKGLKPRCKIIR 120
 Db 59 -----VCOPRCKHGEIGPNKCKCHPGYAGTKCNQDLNECKGLKPRCKIIR 103
 QY 121 CMNTGSKYCYCLNGYMIHPDGSCSSALTCGSMANCOYGCIVVVKQIRCOCPSPGLQIAPD 180
 Db 104 CMNTGSKYCYCLNGYMIHPDGSCSSALTCGSMANCOYGCIVVVKQIRCOCPSPGLQIAPD 163
 QY 181 GRTCDVDDECATGRASCPREPRQCVNTFGSYICKHKGFDLMYIGGYQCHIDECSLGQY 240
 Db 164 GRTCDVDDECATGRASCPREPRQCVNTFGSYICKHKGFDLMYIGGYQCHIDECSLGQY 223
 QY 241 QCSSFARCYNVRSYKCKCKEGYQCGIGLTCVYIPKVMIEPSGPHVFKGNGTILKGDTCN 300
 Db 224 QCSSFARCYNVRSYKCKCKEGYQCGIGLTCVYIPKVMIEPSGPHVFKGNGTILKGDTCN 283
 QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPKTPPTPTPPPPPLPTELRTPLP 360
 Db 284 NNWIPDVGSTWMPKTPYIPPIITNRPSTKPTTRPKTPPTPTPPPPPLPTELRTPLP 343
 QY 361 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDPOKPRGDFVTPROPSNDLFEIEIER 420
 Db 344 PTTPERPTTGLTTIAPAASTPPGGITVDNRVQTDPOKPRGDFVTPROPSNDLFEIEIER 386
 QY 421 QVSADDEAKDDPGVVLVHSCNFDHIGLGCOWIRKNDLHWEPIRDPAGGQYLTVSAAKAPGG 480

Query Match 85.7%; Score 2820; DB 9; Length 509;
 Best Local Similarity 90.9%; Pred. No. 1,24 154;
 Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;
 : PRIOR FILING DATE: 2000-02-22
 : PRIOR APPLICATION NUMBER: US 60/143,048
 : PRIOR FILING DATE: 1999-07-07
 : PRIOR APPLICATION NUMBER: US 60/145,698
 : PRIOR FILING DATE: 1999-07-26
 : PRIOR APPLICATION NUMBER: US 60/146,222
 : PRIOR FILING DATE: 1999-07-28
 : PRIOR APPLICATION NUMBER: PCT/US99/20594
 : PRIOR FILING DATE: 1999-09-08
 : PRIOR APPLICATION NUMBER: PCT/US99/20944
 : PRIOR FILING DATE: 1999-09-13
 : PRIOR APPLICATION NUMBER: PCT/US99/21090
 : PRIOR FILING DATE: 1999-09-15
 : PRIOR APPLICATION NUMBER: PCT/US99/21547
 : PRIOR FILING DATE: 1999-09-15
 : PRIOR APPLICATION NUMBER: PCT/US99/23089
 : PRIOR FILING DATE: 1999-10-05
 : PRIOR APPLICATION NUMBER: PCT/US99/28214
 : PRIOR FILING DATE: 1999-11-29
 : PRIOR APPLICATION NUMBER: PCT/US99/28313
 : PRIOR FILING DATE: 1999-11-30
 : PRIOR APPLICATION NUMBER: PCT/US99/28564
 : PRIOR FILING DATE: 1999-12-02
 : PRIOR APPLICATION NUMBER: PCT/US99/28565
 : PRIOR FILING DATE: 1999-12-02
 : PRIOR APPLICATION NUMBER: PCT/US99/30095
 : PRIOR FILING DATE: 1999-12-16
 : PRIOR APPLICATION NUMBER: PCT/US99/40911
 : PRIOR FILING DATE: 1999-12-20
 : PRIOR APPLICATION NUMBER: PCT/US99/40999
 : PRIOR FILING DATE: 1999-12-20
 : PRIOR APPLICATION NUMBER: PCT/US00/00219
 : PRIOR FILING DATE: 2000-01-05
 : NUMBER OF SEQ ID NOS: 423
 : SEQ ID NO 315
 : LENGTH: 509
 : TYPE: PRT
 : ORGANISM: Homo Sapien
 : US-09-906-742-315

Db 387 -----SVLVHSCNFDHGLCGWIREKNDLHWEPIRDPAGGYLTVSAKAPGG 434
QY 481 KAARLVLPGLRLHMSGDLCLSPRHKVTGLHSGTTLQVVRKHGAHGAALWGRNGGHWROT 540
Db 435 KAARLVLPGLRLHMSGDLCLSPRHKVTGLHSGTTLQVVRKHGAHGAALWGRNGGHWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 12
US-10-173-706-52
: Sequence 52, Application US/10173706
: Publication No. US20030022293A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Chen, Jian
: APPLICANT: Desnoyers, Luc
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Smith, Victoria
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE REFERENCE: P3430R1C7
: CURRENT APPLICATION NUMBER: US/10/173,706
: CURRENT FILING DATE: 2002-06-17
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 612
: SEQ ID NO 52
: LENGTH: 509
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-173-706-52

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2:

QY 1 MDTLLALVLVSSLYLQAAAEFDGRWPRQIVSSIGLCRYGGRIDCCGWARQSGOCQPFY 60
Db 1 MDTLLALVLVSSLYLQAAAEFDGRWPRQIVSSIGLCRYGGRIDCCGWARQSGOCQPFY 58
QY 61 VLQRIRARICQLKAVCQPRCKHGECIGPNKCKCHPGYAGKTCIQVLNFCGLKPRPKCHR 120
Db 59 -----VCQPRCKHGECIGPNKCKCHPGYAGKTCNQDLNFCGLKPRPKCHR 103
QY 121 CMNTYGSYKCYCLNGYMLMPDGSSSALTCSMANCOYGDVVKGOIRCOCPSPGLQLAPD 180
Db 104 CMNTYGSYKCYCLNGYMLMPDGSSSALTCSMANCOYGDVVKGOIRCOCPSPGLHLAPD 163
QY 181 GRTCDVDDECATGRASCPFRQCVNTPGSIYICKCHKGFDMYIGGKYQCHDIDECISLQY 240
Db 164 GRTCDVDDECATGRASCPFRQCVNTPGSIYICKCHKGFDMYIGGKYQCHDIDECISLQY 223
QY 241 QCSSFARCYNVRGSKYCKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGCTILKGDTCN 300
Db 224 QCSSFARCYNVRGSKYCKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGCTILKGDTCN 283
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 360
Db 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 343
QY 361 PTTPTPTTGLTIIAPAASTPPGGITVDNRVQTDPOKPRGDVFIIPRQPSNDLFEIFEIER 420
Db 344 PTTPTPTTGLTIIAPAASTPPGGITVDNRVQTDPOKPRGDVFIIPRQPSNDLFEIFEIER 386

QY 421 GVSADDEAKDDPGVVLVHSCNFDHGLCGWIREKNDLHWEPIRDPAGGYLTVSAKAPGG 480
Db 387 -----SVLVHSCNFDHGLCGWIREKNDLHWEPIRDPAGGYLTVSAKAPGG 434
QY 481 KAARLVLPGLRLHMSGDLCLSPRHKVTGLHSGTTLQVVRKHGAHGAALWGRNGGHWROT 540
Db 435 KAARLVLPGLRLHMSGDLCLSPRHKVTGLHSGTTLQVVRKHGAHGAALWGRNGGHWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 13
US-10-175-738-52
: Sequence 52, Application US/10175738
: Publication No. US20030022294A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Chen, Jian
: APPLICANT: Desnoyers, Luc
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Pan, James
: APPLICANT: Smith, Victoria
: APPLICANT: Watanabe, Colin K.
: APPLICANT: Wood, William I.
: APPLICANT: Zhang, Zemin
: TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
: FILE REFERENCE: P3430R1C45
: CURRENT APPLICATION NUMBER: US/10/175,738
: CURRENT FILING DATE: 2002-06-19
: Prior Application removed - See File Wrapper or Palm
: NUMBER OF SEQ ID NOS: 612
: SEQ ID NO 52
: LENGTH: 509
: TYPE: PRT
: ORGANISM: Homo Sapien
US-10-175-738-52

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2:

QY 1 MDTLLALVLVSSLYLQAAAEFDGRWPRQIVSSIGLCRYGGRIDCCGWARQSGOCQPFY 60
Db 1 MDTLLALVLVSSLYLQAAAEFDGRWPRQIVSSIGLCRYGGRIDCCGWARQSGOCQPFY 58
QY 61 VLQRIRARICQLKAVCQPRCKHGECIGPNKCKCHPGYAGKTCIQVLNFCGLKPRPKCHR 120
Db 59 -----VCQPRCKHGECIGPNKCKCHPGYAGKTCNQDLNFCGLKPRPKCHR 103
QY 121 CMNTYGSYKCYCLNGYMLMPDGSSSALTCSMANCOYGDVVKGOIRCOCPSPGLQLAPD 180
Db 104 CMNTYGSYKCYCLNGYMLMPDGSSSALTCSMANCOYGDVVKGOIRCOCPSPGLHLAPD 163
QY 181 GRTCDVDDECATGRASCPFRQCVNTPGSIYICKCHKGFDMYIGGKYQCHDIDECISLQY 240
Db 164 GRTCDVDDECATGRASCPFRQCVNTPGSIYICKCHKGFDMYIGGKYQCHDIDECISLQY 223
QY 241 QCSSFARCYNVRGSKYCKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGCTILKGDTCN 300
Db 224 QCSSFARCYNVRGSKYCKCKEGYQGDGLTCVYIPKVMIEPSPGIHVPKNGCTILKGDTCN 283
QY 301 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 360
Db 284 NNWIPDVGSTWMPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 343
QY 361 PTTPTPTTGLTIIAPAASTPPGGITVDNRVQTDPOKPRGDVFIIPRQPSNDLFEIFEIER 420
Db 344 PTTPTPTTGLTIIAPAASTPPGGITVDNRVQTDPOKPRGDVFIIPRQPSNDLFEIFEIER 386

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QY 421 GVSADDEAKDDPGVIVHSNFDHGLGQWIREKNDLHWEPIDRPAGGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSNFDHGLGQWIREKNDLHWEPIDRPAGGQYLTVSAAKAPGG 434
QY 481 KAARLVLPICRLMHSODICLSFRHKVTGLHSCTLOVYVKKHGAHGAALWCRNGCHGWROT 540
Db 435 KAARLVLPICRLMHSODICLSFRHKVTGLHSCTLOVYVKKHGAHGAALWCRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 14
US-10-175-752-52
; Sequence 52, Application US/10175752
; Publication No. US20030022295A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William L.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC60
; CURRENT APPLICATION NUMBER: US/10/175,752
; CURRENT FILING DATE: 2002-06-19
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 52
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-175-752-52

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Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-153;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDPFLALVLVSSLYLQAAAFDGRWPROIVSSIGLCRYGGRIDCCGWAQSWGOCQOPY 60
Db 1 MDPFLALVLVSSLYLQAAAFDGRWPROIVSSIGLCRYGGRIDCCGWAQSWGOCQOPY-- 58
QY 61 VLQRRIARICQLKAVCPCKHGEIGPNKCKHPGYAGTKTCIOVLNCGGLKPRCKHR 120
Db 59 -----VCPCKHGEIGPNKCKHPGYAGTKTCNQDINCGGLKPRCKHR 103
QY 121 CMNTYGYKCYCLNGYMLMPDGSCSSALTCSMANCOYGDVVKGTICQCPSPGLIAPD 180
Db 104 CMNTYGYKCYCLNGYMLMPDGSCSSALTCSMANCOYGDVVKGTICQCPSPGLIAPD 163
QY 181 GRICVDVDECATGRASCPHRCVNTFGSYICKCHGFDILMYIGGKYQCHDDECSILOY 240
Db 164 GRICVDVDECATGRASCPHRCVNTFGSYICKCHGFDILMYIGGKYQCHDDECSILOY 223
QY 241 QCSSFARCYNVRGYSYKCKEGYQDGLTCVYIPKVMIEFSGPIHVPKNGTILKGDGN 300
Db 224 QCSSFARCYNVRGYSYKCKEGYQDGLTCVYIPKVMIEFSGPIHVPKNGTILKGDGN 283
QY 301 NNWIPDVGSTWVPPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 360
Db 284 NNWIPDVGSTWVPPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 343
QY 361 PTPPERPTTGLTTIAAASSTPPGGITVDNRVQTDQKPKGDVFIIPQPSNDLFEIPIER 420

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Db 344 PTPPERPTTGLTTIAAASSTPPGGITVDNRVQTDQKPKGDVFIIPQPSNDLFEIPIER 486
QY 421 GVSADDEAKDDPGVIVHSNFDHGLGQWIREKNDLHWEPIDRPAGGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSNFDHGLGQWIREKNDLHWEPIDRPAGGQYLTVSAAKAPGG 434
QY 481 KAARLVLPICRLMHSODICLSFRHKVTGLHSCTLOVYVKKHGAHGAALWCRNGCHGWROT 540
Db 435 KAARLVLPICRLMHSODICLSFRHKVTGLHSCTLOVYVKKHGAHGAALWCRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505

RESULT 15
US-10-176-482-52
; Sequence 52, Application US/10176482
; Publication No. US20030022296A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Chen, Jian
; APPLICANT: Desnoyers, Luc
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Smith, Victoria
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William L.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3430RIC70
; CURRENT APPLICATION NUMBER: US/10/176,482
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 612
; SEQ ID NO 52
; LENGTH: 509
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-482-52

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```

Query Match 85.7%; Score 2820; DB 9; Length 509;
Best Local Similarity 90.9%; Pred. No. 1.2e-154;
Matches 501; Conservative 0; Mismatches 4; Indels 46; Gaps 2;

QY 1 MDPFLALVLVSSLYLQAAAFDGRWPROIVSSIGLCRYGGRIDCCGWAQSWGOCQOPY 60
Db 1 MDPFLALVLVSSLYLQAAAFDGRWPROIVSSIGLCRYGGRIDCCGWAQSWGOCQOPY-- 58
QY 61 VLQRRIARICQLKAVCPCKHGEIGPNKCKHPGYAGTKTCIOVLNCGGLKPRCKHR 120
Db 59 -----VCPCKHGEIGPNKCKHPGYAGTKTCNQDINCGGLKPRCKHR 103
QY 121 CMNTYGYKCYCLNGYMLMPDGSCSSALTCSMANCOYGDVVKGTICQCPSPGLIAPD 180
Db 104 CMNTYGYKCYCLNGYMLMPDGSCSSALTCSMANCOYGDVVKGTICQCPSPGLIAPD 163
QY 181 GRICVDVDECATGRASCPHRCVNTFGSYICKCHGFDILMYIGGKYQCHDDECSILOY 240
Db 164 GRICVDVDECATGRASCPHRCVNTFGSYICKCHGFDILMYIGGKYQCHDDECSILOY 223
QY 241 QCSSFARCYNVRGYSYKCKEGYQDGLTCVYIPKVMIEFSGPIHVPKNGTILKGDGN 400
Db 224 QCSSFARCYNVRGYSYKCKEGYQDGLTCVYIPKVMIEFSGPIHVPKNGTILKGDGN 283
QY 301 NNWIPDVGSTWVPPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 460
Db 284 NNWIPDVGSTWVPPKTPYIPPIITNRPTSKPTTRTPKPTPIPTPPPPPLTELRTPLP 443
QY 361 PTPPERPTTGLTTIAAASSTPPGGITVDNRVQTDQKPKGDVFIIPQPSNDLFEIPIER 420

```

```
|||||
Db 344 PTTPTTGLTTIAPAASTPGGTTVDNRVQTDPOKRGDVF----- 386
QY 421 GVSADDEAKDDPGVIVHSCNFDHGI:CGWIREKNDLIHWEPTRDPAGGQYLTVSAAKAPGG 480
Db 387 -----SVLVHSCNFDHGLCGWIREKNDLIHWEPTRDPAGGQYLTVSAAKAPGG 434
QY 481 KAARLVPLGLRLMHSGLCLSPRHKVTGLHSGTLQVFRKHGAHGAALWGRNGCHGWROT 540
Db 435 KAARLVPLGLRLMHSGLCLSPRHKVTGLHSGTLQVFRKHGAHGAALWGRNGCHGWROT 494
QY 541 QITLRGADIKS 551
Db 495 QITLRGADIKS 505
```

Search completed: April 23, 2003, 13:04:40
Job time : 24 secs

